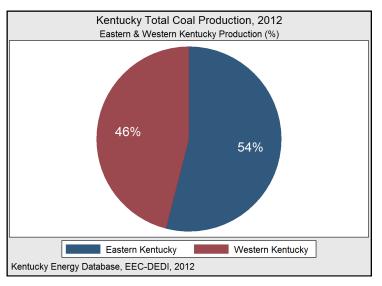
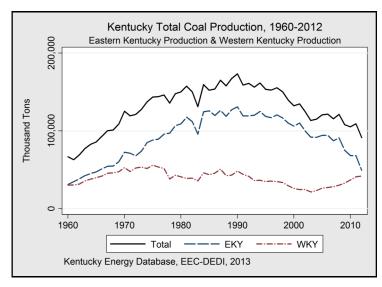
Kentucky Coal Production, 2012

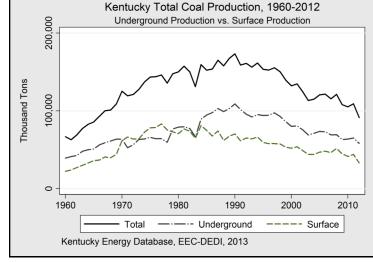


Kentucky Total Coal Production, 2012 Underground Production vs. Surface Production (%)
36%
Underground Surface
Kentucky Energy Database, EEC-DEDI, 2013

Region	Tons	2012 Change
Total	91,407,310	-16.3%
Eastern Kentucky	49,363,960	-27.6%
Western Kentucky	42,043,350	+2.5%

Mine Type	Tons	2012 Change
Total	91,407,310	-16.3%
Underground	58,278,720	-10.6%
Surface	33,128,590	-24.7%

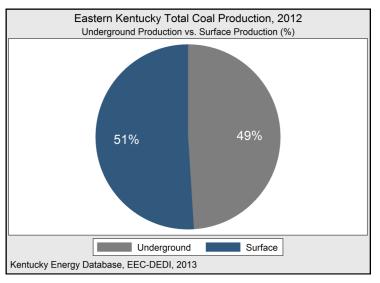




Preliminary data from year-end 2012 indicate that total coal production in Kentucky decreased by more than 16.3 percent from 2011 to the lowest level since 1965. Although western Kentucky production increased marginally in 2012, eastern Kentucky production decreased by 27.6 percent. During that last 3 months of 2012, the rate of production in western Kentucky was greater than in eastern Kentucky for the first time since 1960.

Production slowed at both underground and surface mines in 2012 by 10.6 and 24.7 percent respectively. Underground coal mines produced 58.3 million tons, and accounted for 64 percent of total production. Surface mines in Kentucky produced 33 million tons and accounted for 36% of production.

Eastern Kentucky Coal Production



Pike Perry Perry Hear Haran Martin Leslie Letcher Knott Floyd Magoffin Bell Knox Johnson Clay Breathitt Whitley Lawrence Wolfe McCreary Owsley		n Kentucky Co			
0	3,000	6,000 Thousan	9,000 d Tons	12,000	15,000
		Underground		Surface	
		base, EEC-DEDI DRS Queried on: 11		_	

Mine Type	Tons	2012 Change
Total	49,363,960	-27.6%
Underground	24,187,310	-27.3%
Surface	25,176,650	-27.8%

Thousand Tons	00 20,000 100,000 150,000		Eas		ucky Total (e Production	2012
	1	960		1970	1980	1990	2000	2010
			_	— Total		nderground	Sui	face
		Kent	ucky l	Energy Data	abase, EEC-D	EDI, 2013		

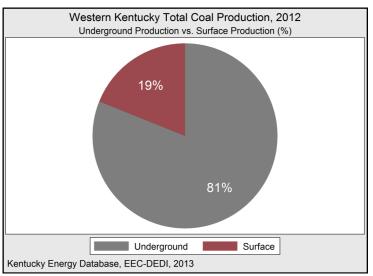
Eastern Kentucky coal production decreased in 2012 by 27.6 percent from 2011 to 49.4 million tons—the lowest level since 1965. Production slowed at both underground and surface mines. Eastern Kentucky production has declined by 53.5 percent since the year 2000, and by 62.3 percent since peaking at 131 million tons in 1990.

C **	-	2212 6
County*	Tons	2012 Change
Pike	12,931,200	-1 7.9 %
Perry	9,231,478	-30.1%
Harlan	7,034,754	-28.1%
Martin	3,587,476	-36.0%
Leslie	3,008,930	-30.7%
Letcher	2,979,510	-36.1%
Knott	2,641,000	-45.1%
Floyd	2,382,712	-18.1%
Magoffin	2,015,308	-31.9%
Bell	1,161,442	-26.0%
Knox	565,092	+45.5%
Johnson	327,683	+41.2%
Clay	293,829	-23.0%
Breathitt	287,783	-65.5%
Whitley	263,881	-50.2%
Lawrence	234,628	+189.6%
Wolfe	39,315	+100%
McCreary	31,744	+∞%
Owsley	26,647	-61.3%
Laurel	12,627	+∞%
Rockcastle	4,930	+∞%
Elliot	2,396	-94.9%

^{*} Counties with less than 1,000 tons not listed.

Total coal production decreased by more than 15 percent in 15 eastern Kentucky counties. Pike County remained the largest coal producing county in eastern Kentucky; however, for the first time in recent history is no-longer the largest coal producing county in Kentucky, having been overtaken by Union County in 2012.

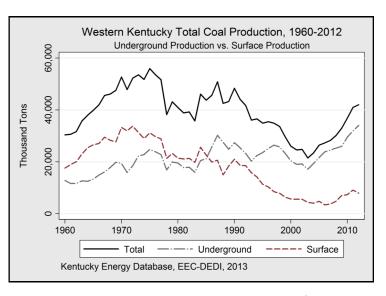
Western Kentucky Coal Production



			rn Kentucky			
		Production	by County and	Mine Type (TI	nousand Tons)	
Union						
Hopkins						
Ohio						
Webster						
Muhlenberg						
Henderson						
Daviess						
()	3,000	6,000 Thous	9,000 and Tons	12,000	15,00
			Undergrou	nd	Surface	
		٠,	tabase, EEC-DI -MDRS Queried on			

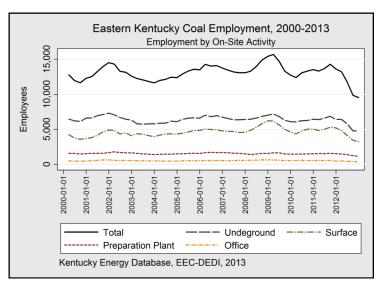
Mine Type	Tons	2012 Change
Total	42,043,350	+2.5%
Underground	34,091,410	+6.9%
Surface	<i>7</i> ,951,938	-12.7%

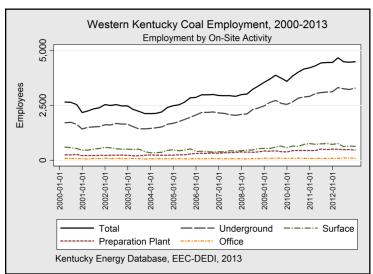
County	Tons	2012 Change
Union	13,474,900	+9.3%
Hopkins	8,945,605	+1.8%
Ohio	7,231,326	+30.5%
Webster	5,550,427	-3.1%
Muhlenberg	4,887,921	-14.9%
Henderson	1,558,006	-36.9%
Daviess	395,164	-2.5%



Western Kentucky coal production increased by 2.5 percent from 2011 to more than 42 million tons. All of this increase was due to production in Union and Ohio Counties. During 2012, Union County became the largest coal producing county in Kentucky, surpassing Pike County by 543,700 tons, or 4.2 percent.

Coal Mine Employment, 2012





EKY Counties	Employment	2012 Change
All	9,540	-29.9%
Pike	2,316	-28.0%
Perry	1,530	-27.9%
Harlan	1,367	-37.1%
Martin	<i>7</i> 21	-30.2%
Leslie	605	-29.5%
Letcher	583	-34.2%
Floyd	530	-24.1%
Bell	448	-23.7%
Knott	330	-63.2%
Magoffin	186	-47.9%
Knox	112	-24.8%
Boyd	78	+4%
Lawrence	76	+171.4%
Johnson	67	-8.2%
Clay	66	+34.7%
Breathitt	62	-68.4
McCreary	35	+400%
Whitley	31	-81.5%
Wolfe	20	+100%
Laurel	14	+250%

WKY Counties	Employment	2012 Change
All	4,543	~0.0%
Union	1,292	-0.5%
Hopkins	997	+11.1%
Ohio	<i>7</i> 10	+28.6%
Webster	671	-6.8%
Muhlenberg	576	-4.6%
Henderson	108	-60.7%
Livingston	52	-8.8%
Marshall	50	-3.8%
Daviess	43	+4.9%
McLean	8	-27.3%

Employment	2012 Change	
14,083	-4,028	-22.2%
<i>7</i> ,959	-1,470	-15.4%
3,786	-2,160	-34.8%
1,666	-415	-20.0%
482	-74	-13.3%
	14,083 7,959 3,786 1,666	14,083 -4,028 7,959 -1,470 3,786 -2,160 1,666 -415

In western Kentucky there were 4,543 persons employed at coal mines, approximately the same number as were employed in 2011.

Employment at Kentucky coal mines has fallen by over 22 percent from 18,111 in December, 2011, to an average of 14,083 in December, 2012, a loss of 4,028 employees. Coal mine layoffs have been concentrated in eastern Kentucky where on-site employment has fallen by 29.9 percent from 13,608 in 2011 to only 9,540 in 2012, a loss of 4,068 employees.